

APPENDIX I-A *Field Inventory Report*

Inventory Assumptions and Variables

Sidewalk Improvements

- Less than 100ft; calculations based on maximum length of 100 LF.
- 100-300ft; calculations based on a median value of 200 LF.
- 301-500ft; calculations based on a median value of 400 LF.
- More than 500ft; calculations based on minimum length of 500 LF.
- Repair calculations based on an average block length of 400 LF.
- Non-brick sidewalks; MTPO policy to determine final material
- Focus improvement activities on areas with moderate and severe needs

Curb Ramp Improvements

- Calculations based on repairing curb ramps for an entire intersection (4 corners).

Crosswalk Improvements

- Reviewed only streets with 5 or more lanes.
- Reviewed locations near schools.
- Reviewed existing crosswalks that lacked and/or needed painting.

New Sidewalk - \$72/LF

Repair Sidewalk - \$72/LF

Curb Ramp add Domes - \$500 EA

New Curb Ramp - \$2,000 EA

Painted Crosswalk - \$500 EA

Refuge Island - \$16,000 EA

School Crossing - \$1,000 EA

Flashing Pedestrian Sign - \$25,000 EA

Area #1 – North Topeka West

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	19	5,200	0.98	\$374,400
No repairs needed	9	3,600	0.68	\$0
Moderate disrepair	3	700	0.13	\$50,400
Severe disrepair	11	3,400	0.64	\$244,800
Total	51	14,200	2.69	\$699,600
Savings (Minor disrepair)	9	1,300	0.25	\$93,600

Table 2: Curb Ramp Improvements

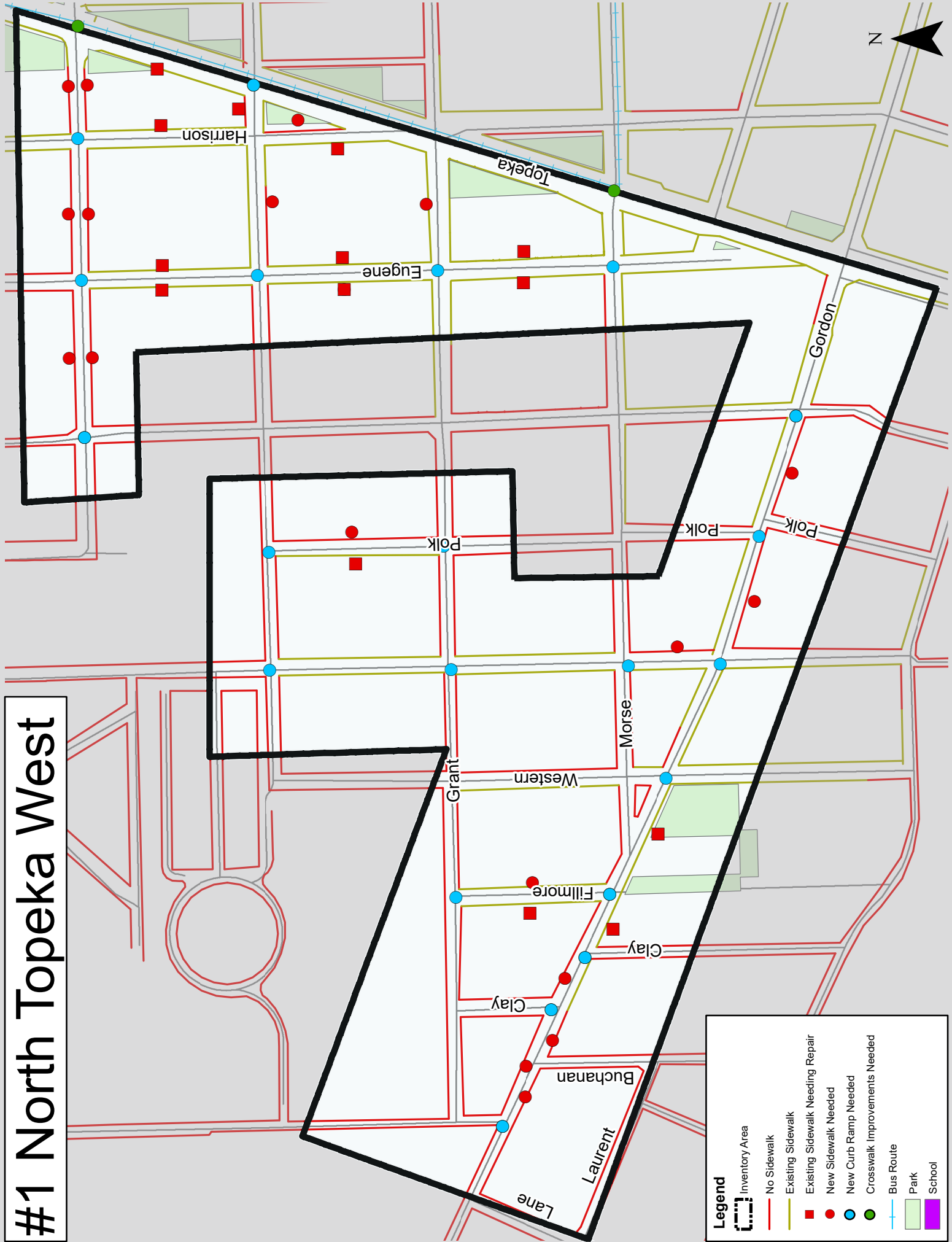
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	3	12	\$0
Good repair, but truncated dome is needed	3	12	\$6,000
Disrepair	6	24	\$48,000
No ramp	15	60	\$120,000
Total	27	108	\$174,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	8	16	\$8,000
Pedestrian Refuge Island	2	4	\$16,000
School Crosswalk	0	0	\$0
Flashing Warning Signs	0	0	\$0
Total	10	20	\$24,000

North Topeka West Total Improvement Cost = \$867,600

#1 North Topeka West



Legend

Inventory Area

No Sidewalk

Existing Sidewalk

Existing Sidewalk Needing Repair

New Sidewalk Needed

New Curb Ramp Needed

Crosswalk Improvements Needed

Bus Route

Park

School

Area #2 – North Topeka East

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	56	18,100	3.43	\$1,303,200
No repairs needed	12	4,800	0.91	\$0
Moderate disrepair	8	1,900	0.36	\$136,800
Severe disrepair	33	11,100	2.10	\$799,200
Total	127	37,800	7.16	\$2,239,200
Savings (Minor disrepair)	18	1,900	0.36	\$136,800

Table 2: Curb Ramp Improvements

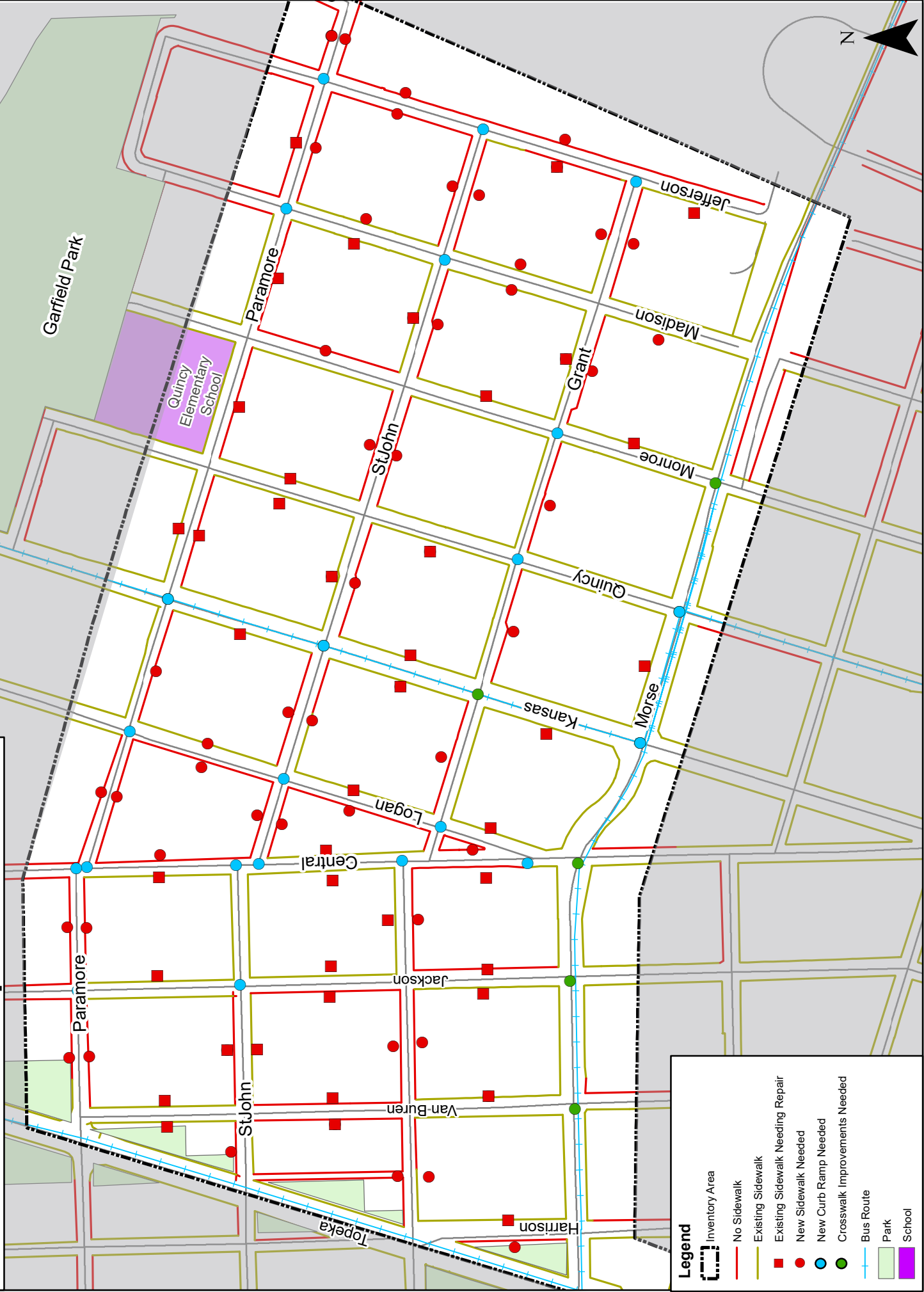
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	0	0	\$0
Good repair, but truncated domes are needed	14	56	\$28,000
Disrepair	13	52	\$104,000
No ramp	9	36	\$72,000
Total	36	144	\$204,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	9	18	\$9,000
Pedestrian Refuge Island	4	8	\$32,000
School Crosswalk	0	0	
Flashing Warning Signs	0	0	\$0
Total	13	26	\$41,000

North Topeka East Total Improvement Cost = \$2,484,200

#2 North Topeka East



Area #3 – Oakland

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	31	9,700	1.84	\$698,400
No repairs needed	7	2,800	0.53	\$0
Moderate disrepair	37	8,000	1.52	\$576,000
Severe disrepair	6	2,100	0.40	\$151,200
Total	113	27,900	5.28	\$1,425,600
Savings (Minor disrepair)	32	5,300	1.00	\$381,600

Table 2: Curb Ramp Improvements

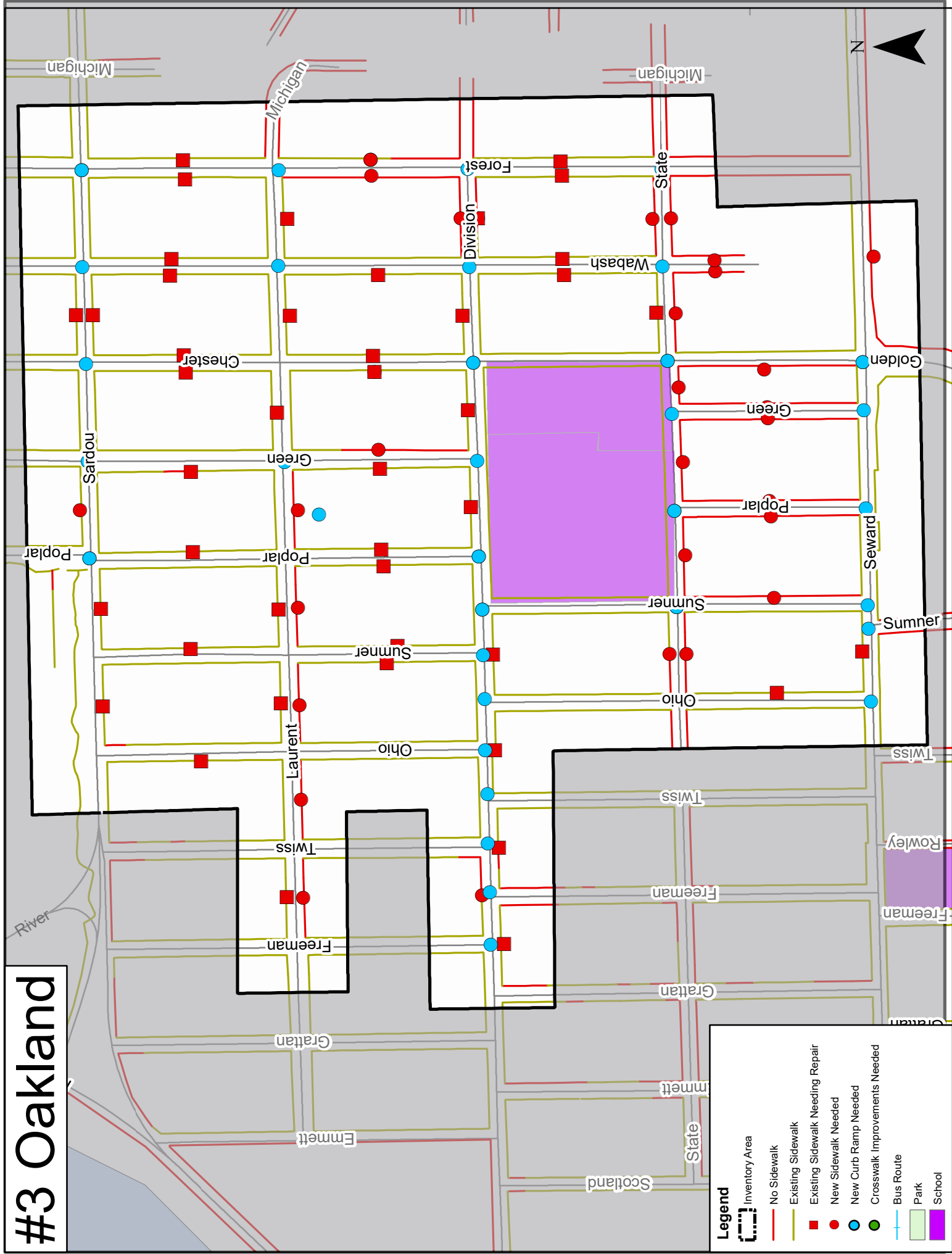
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	7	28	\$0
Good repair, but truncated domes are needed	1	4	\$2,000
Disrepair	27	108	\$216,000
No ramp	7	28	\$56,000
Total	42	168	\$274,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	9	18	\$9,000
Pedestrian Refuge Island	0	0	\$0
School Crosswalk	6	6	\$6,000
Flashing Warning Signs	2	2	\$50,000
Total	17	26	\$65,000

Oakland Total Improvement Cost = \$1,764,600

#3 Oakland



Area #4 – East Topeka North

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	38	11,900	2.25	\$856,800
No repairs needed	38	15,200	2.88	\$0
Moderate disrepair	5	1,200	0.23	\$86,400
Severe disrepair	6	2,100	0.40	\$151,200
Total	105	32,700	6.20	\$1,094,400
Savings (Minor disrepair)	18	2,300	0.44	\$165,600

Table 2: Curb Ramp Improvements

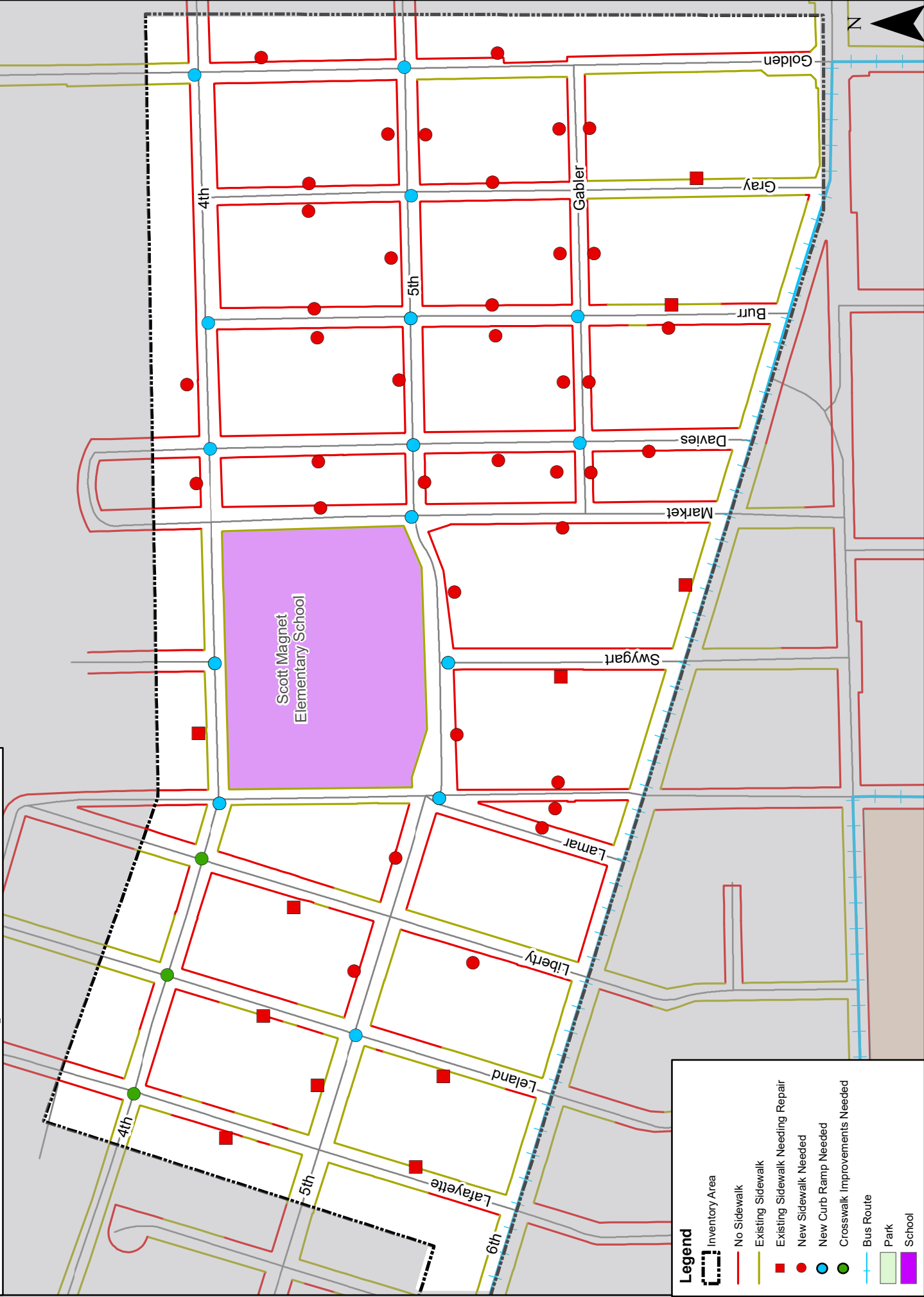
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	4	16	\$0
Good repair, but truncated domes are needed	6	24	\$12,000
Disrepair	1	4	\$8,000
No ramp	14	56	\$112,000
Total	25	100	\$132,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	10	20	\$10,000
Pedestrian Refuge Island	0	0	\$0
School Crosswalk	4	4	\$4,000
Flashing Warning Signs	0	0	\$0
Total	14	24	\$14,000

East Topeka North Total Improvement Cost = \$1,240,400

#4 East Topeka North



Area #5 – East Topeka South

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	22	6,300	1.19	\$453,600
No repairs needed	13	5,200	0.98	\$0
Moderate disrepair	18	4,100	0.78	\$295,200
Severe disrepair	22	7,500	1.42	\$540,000
Total	96	25,200	4.77	\$1,288,800
Savings (Minor disrepair)	21	2,100	0.40	\$151,200

Table 2: Curb Ramp Improvements

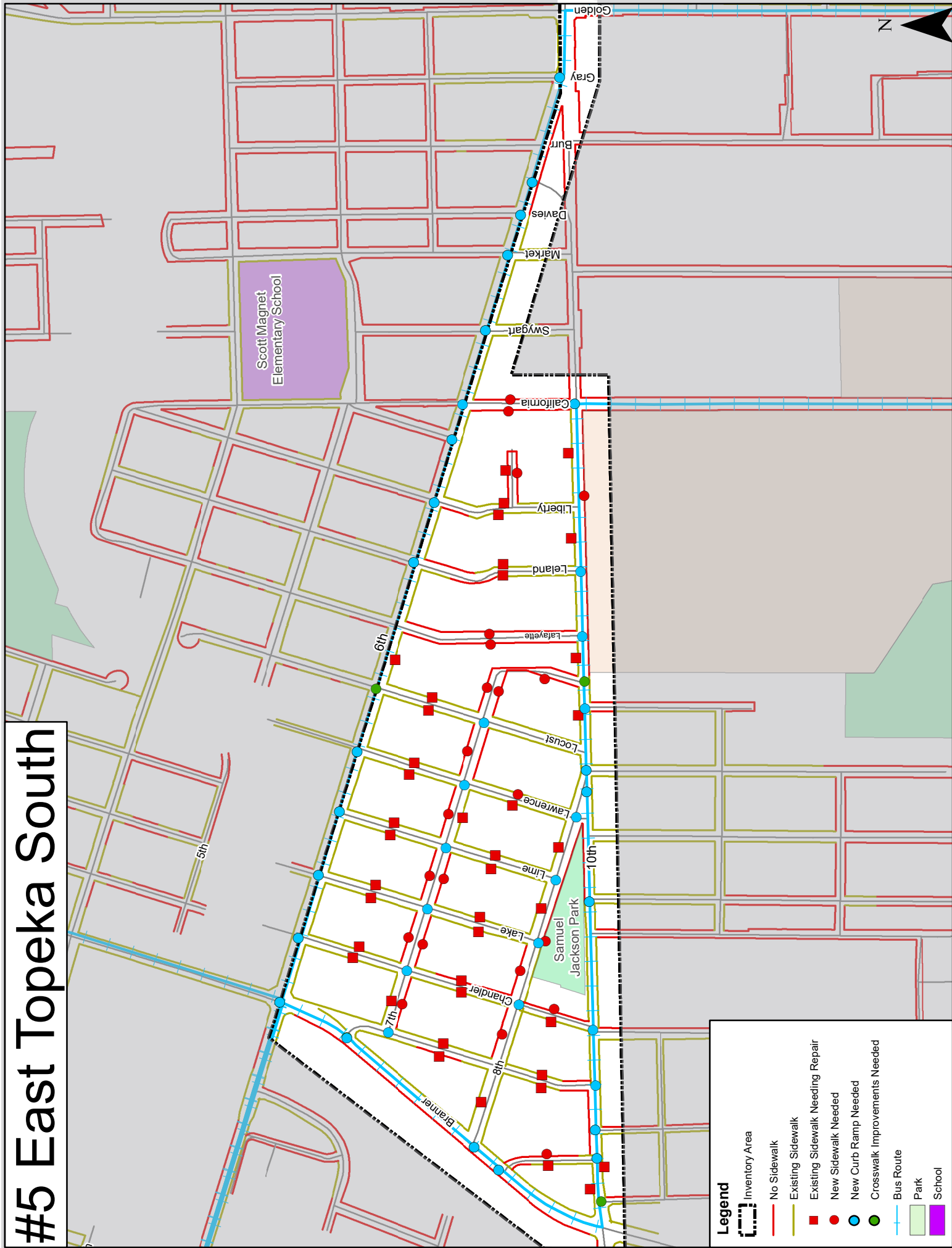
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	6	24	\$0
Good repair, but truncated domes are needed	6	24	\$12,000
Disrepair	15	60	\$120,000
No ramp	23	92	\$184,000
Total	50	200	\$316,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	25	50	\$25,000
Pedestrian Refuge Island	6	12	\$48,000
School Crosswalk	0	0	\$0
Flashing Warning Signs	0	0	\$0
Total	31	62	\$73,000

East Topeka South Total Improvement Cost = \$1,677,800

#5 East Topeka South



Area #6 – Central Highland Park

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	93	31,700	6.00	\$2,282,400
No repairs needed	3	1,200	0.23	\$0
Moderate disrepair	8	2,000	0.38	\$144,000
Severe disrepair	8	2,000	0.40	\$151,200
Total	123	38,600	7.31	\$2,577,600
Savings (Minor disrepair)	11	1,600	0.30	\$115,200

Table 2: Curb Ramp Improvements

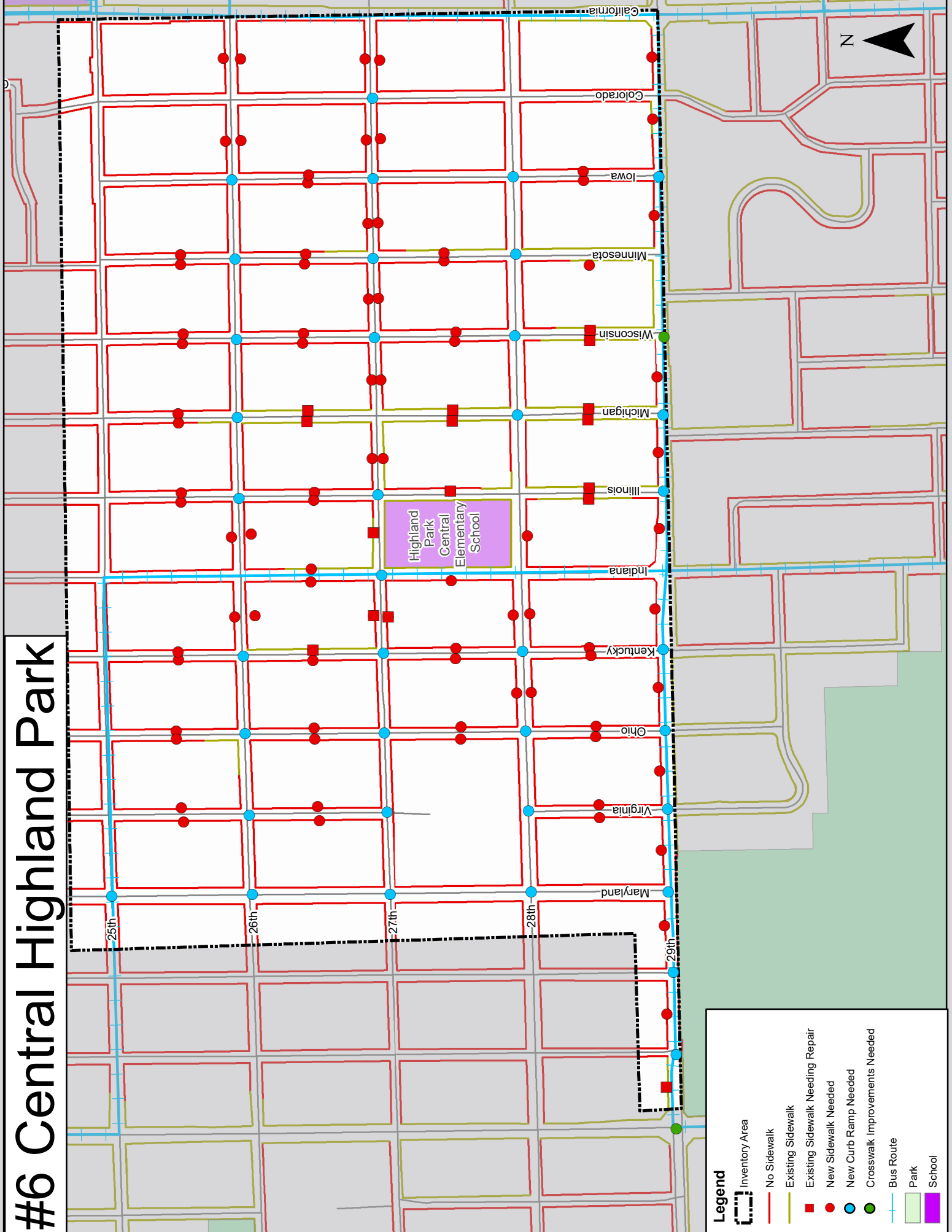
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	1	4	\$0
Needs repair, but truncated dome is needed	8	32	\$16,000
Disrepair	1	4	\$8,000
No ramp	36	144	\$288,000
Total	46	184	\$312,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalks	2	4	\$2,000
Pedestrian Refuge Island	0	0	\$0
School Crosswalk	0	0	\$0
Flashing Warning Signs	0	0	\$0
Total	2	4	\$2,000

Central Highland Park Total Improvement Cost = \$2,891,600

#6 Central Highland Park



Area #7 – Highland Crest

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	22	9,800	1.86	\$705,600
No repairs needed	3	1,200	0.23	\$0
Moderate disrepair	2	400	0.08	\$28,800
Severe disrepair	0	0	0	\$0
Total	59	15,200	2.88	\$734,400
Savings (Minor disrepair)	32	3,800	0.72	\$273,600

Table 2: Curb Ramp Improvements

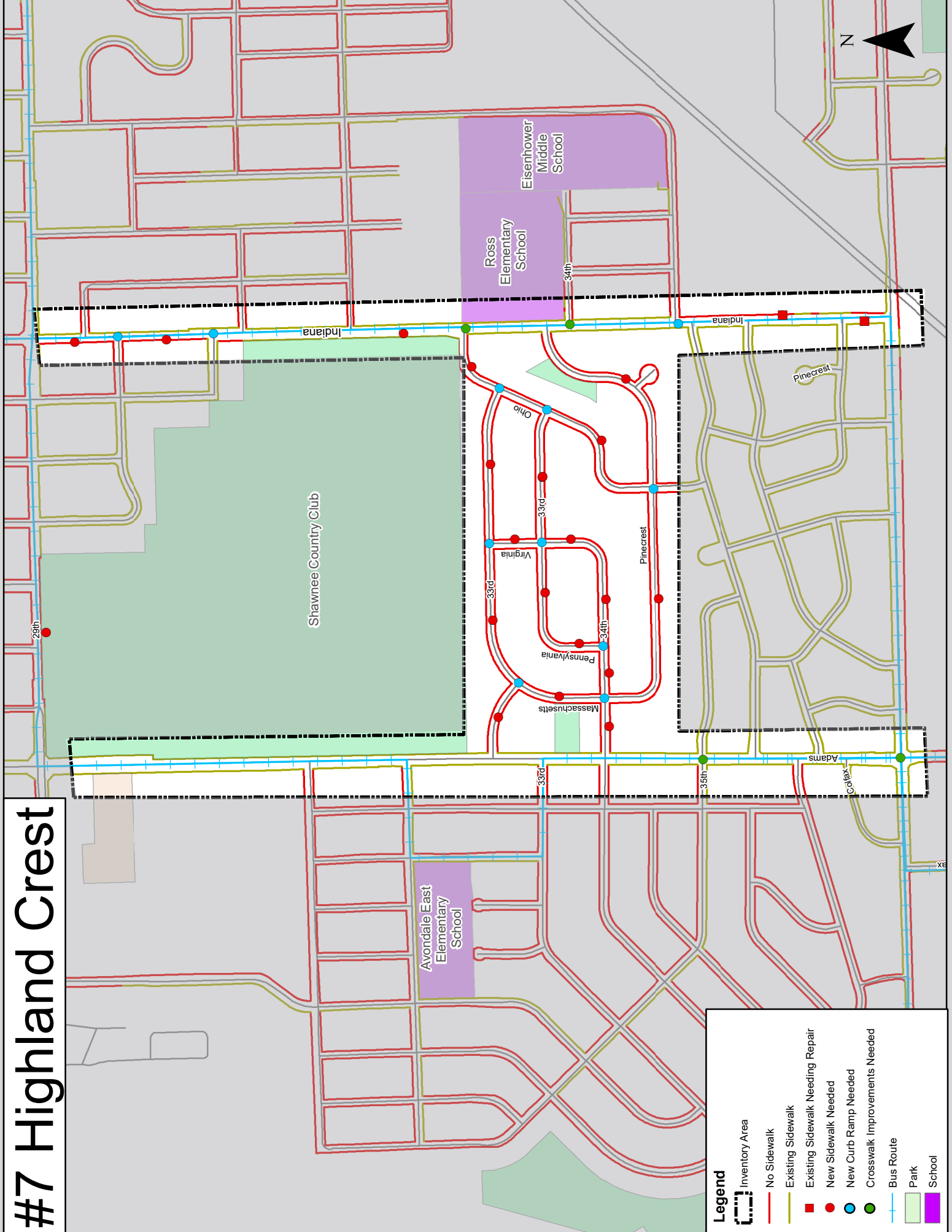
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	1	4	\$0
Good repair, but truncated dome is needed	20	80	\$40,000
Disrepair	0	0	\$0
No ramp	11	44	\$88,000
Total	32	128	\$128,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	3	6	\$3,000
Pedestrian Refuge Island	0	0	\$0
School Crosswalk	2	2	\$2,000
Flashing Warning Signs	2	2	\$50,000
Total	7	10	\$55,000

Highland Crest Total Improvement Cost = **\$917,400**

#7 Highland Crest



Area #8 – Downtown Topeka

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	9	2,800	0.53	\$201,600
No repairs needed	33	13,200	2.50	\$0
Moderate disrepair	5	900	0.17	\$64,800
Severe disrepair	0	0	0	\$0
Total	69	19,700	3.73	\$266,400
Savings (Minor disrepair)	22	2,800	0.53	\$201,600

Table 2: Curb Ramp Improvements

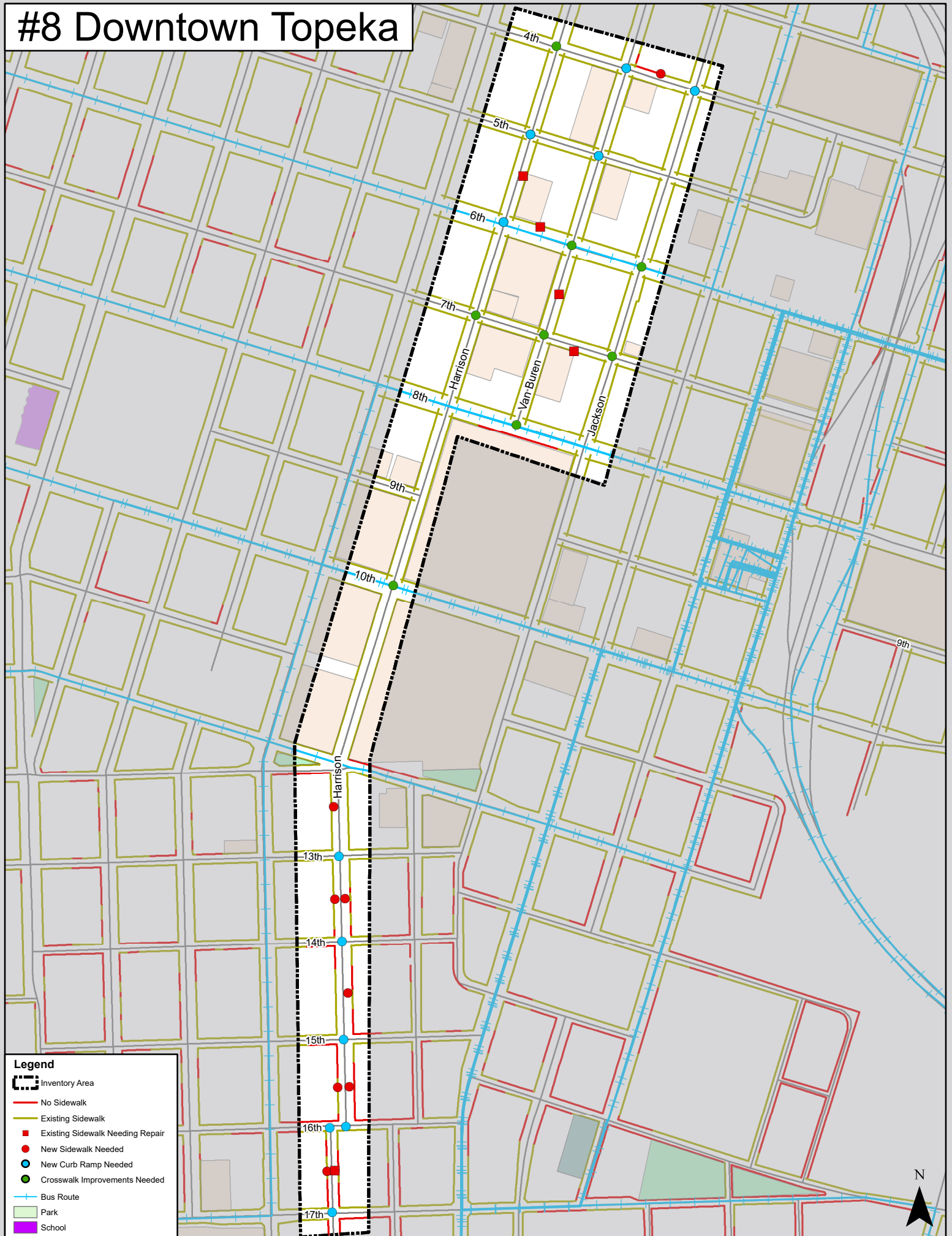
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	2	8	\$0
Good repair, but truncated domes are needed	10	40	\$20,000
Disrepair	6	24	\$48,000
No ramp	5	20	\$40,000
Total	23	92	\$108,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	13	26	\$13,000
Pedestrian Refuge Island	4	8	\$32,000
School Crosswalk	0	0	\$0
Flashing Warning Signs	0	0	\$0
Total	17	34	\$45,000

Downtown Topeka Total Improvement Cost = \$419,400

#8 Downtown Topeka



Area #9 – Central Park

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	23	5,600	1.06	\$403,200
No repairs needed	28	11,200	2.12	\$0
Moderated disrepair	22	5,400	1.02	\$388,800
Severed disrepair	20	6,300	1.19	\$453,600
Total	122	32,000	6.05	\$1,245,600
Savings (Minor disrepair)	29	3,500	0.66	\$252,000

Table 2: Curb Ramp Improvements

Project Type	Total Points	Number of Ramps	Cost
No improvement needed	16	64	\$0
Good repair, but truncated dome is needed	2	8	\$4,000
Disrepair	10	40	\$80,000
No ramp	20	80	\$160,000
Total	48	192	\$244,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	5	10	\$5,000
Pedestrian Refuge Island	1	2	\$8,000
School Crosswalk	1	1	\$1,000
Flashing Warning Signs	0	0	\$0
Total	7	13	\$14,000

Central Park Total Improvement Cost = \$1,503,600

#9 Central Park



Area #10 – Tennessee Town

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	2	400	0.08	\$28,800
No repairs needed	32	12,800	2.42	\$0
Moderate disrepair	7	1,300	0.25	\$93,600
Severe disrepair	7	2,500	0.47	\$180,000
Total	113	27,900	3.47	\$302,400
Savings (Minor disrepair)	9	1,300	0.25	\$93,600

Table 2: Curb Ramp Improvements

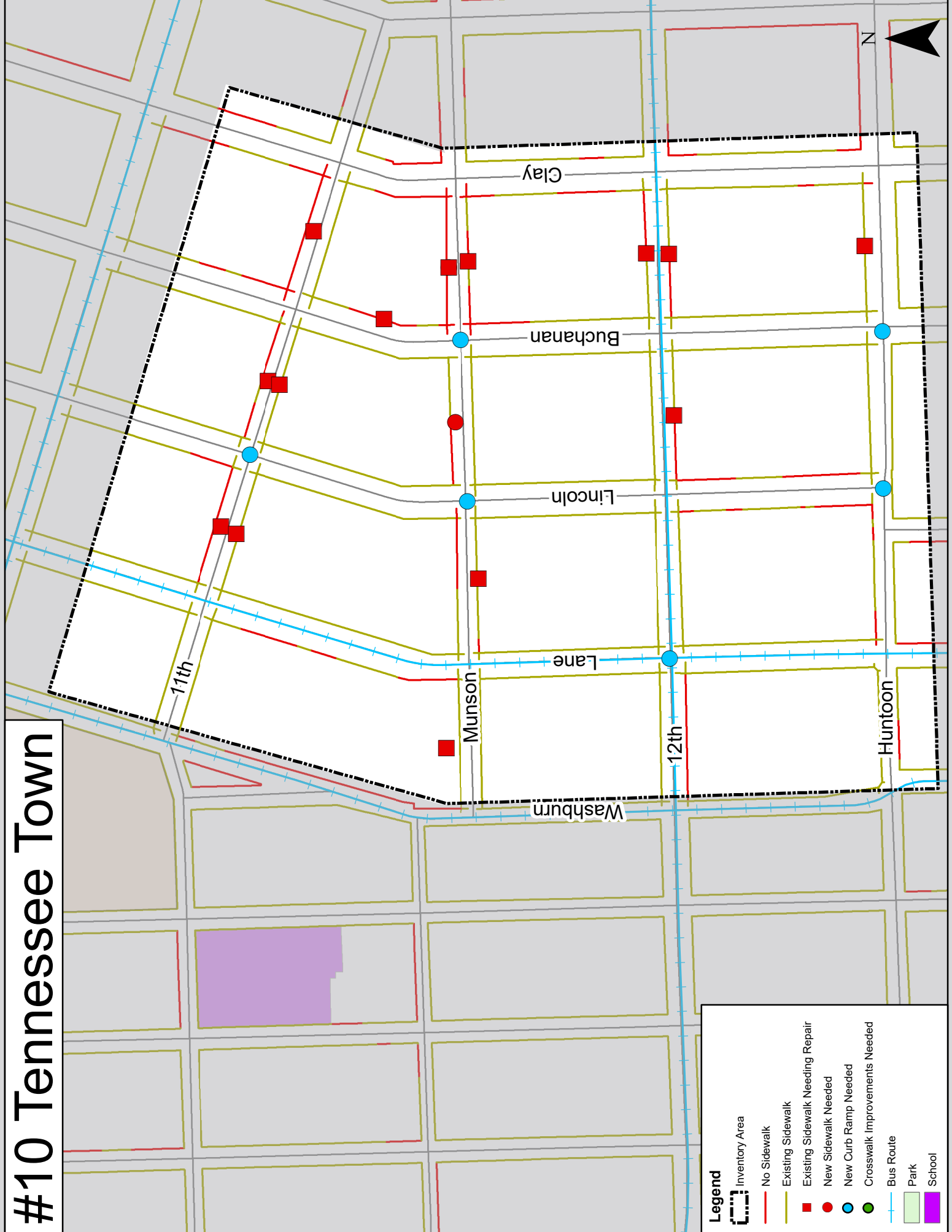
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	1	4	\$0
Good repair, but truncated domes are needed	6	24	\$12,000
Disrepair	4	16	\$32,000
No ramp	2	8	\$16,000
Total	13	52	\$60,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	0	0	\$0
Pedestrian Refuge Island	0	0	\$0
School Crosswalk	0	0	\$0
Flashing Warning Signs	0	0	\$0
Total	0	0	\$0

Tennessee Town Total Improvement Cost = \$362,400

#10 Tennessee Town



Area #11 – Historic Holliday Park

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	0	0	0	\$0
No repairs needed	3	1,200	0.23	\$0
Moderate disrepair	17	5,000	0.95	\$360,000
Severe disrepair	7	2,200	1.71	\$151,200
Total	113	27,900	5.28	\$518,400
Savings (Minor disrepair)	6	600	0.11	\$43,200

Table 2: Curb Ramp Improvements

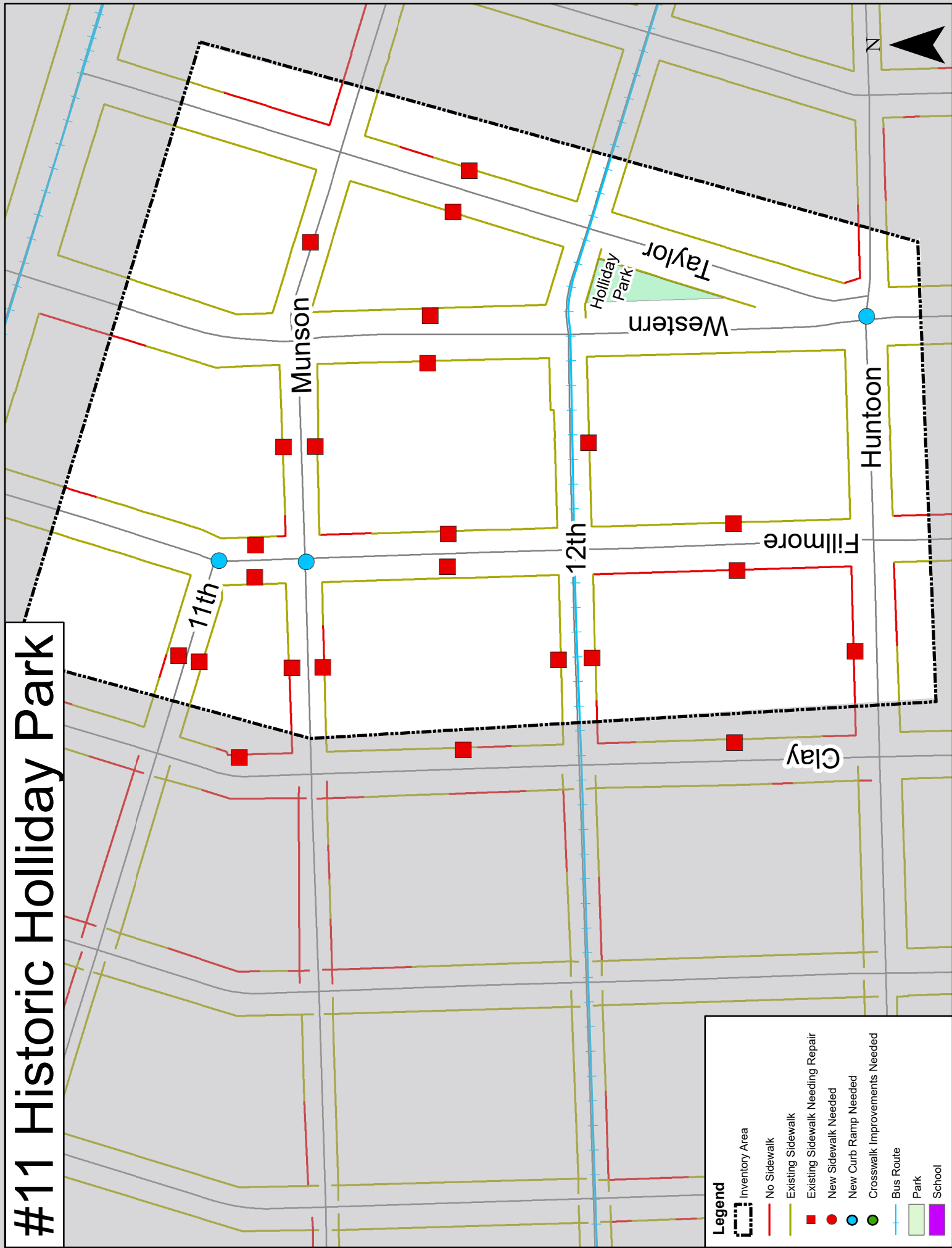
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	3	12	\$0
Good repair, but truncated domes are needed	7	28	\$14,000
Disrepair	1	4	\$8,000
No ramp	2	8	\$16,000
Total	13	52	\$38,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	0	0	\$0
Pedestrian Refuge Island	0	0	\$0
School Crosswalk	0	0	\$0
Flashing Warning Signs	0	0	\$0
Total	0	0	\$0

Historic Holliday Park Total Improvement Cost = \$556,400

#11 Historic Holliday Park



Legend

- Inventory Area
- No Sidewalk
- Existing Sidewalk
- Existing Sidewalk Needing Repair
- New Sidewalk Needed
- New Curb Ramp Needed
- Crosswalk Improvements Needed
- Bus Route
- Park
- School



Area #12 – Elmhurst

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	3	1,000	0.19	\$72,000
No repairs needed	14	5,600	1.06	\$0
Moderate disrepair	13	2,500	0.47	\$180,000
Severe disrepair	4	1,000	0.19	\$72,000
Total	49	11,800	2.23	\$324,000
Savings (Minor disrepair)	15	1,700	0.32	\$122,400

Table 2: Curb Ramp Improvements

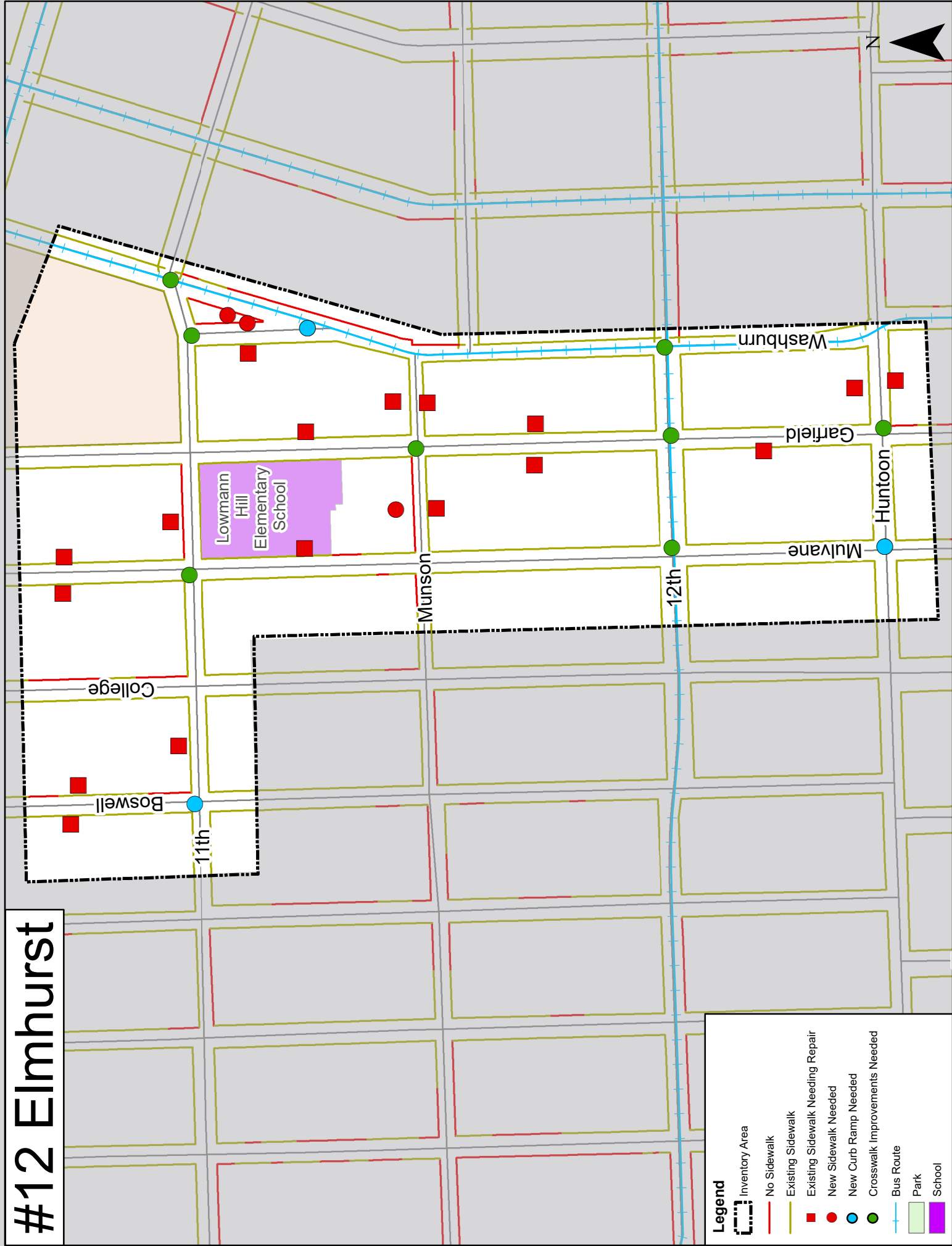
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	0	0	\$0
Good repair, but truncated domes are needed	13	52	\$26,000
Disrepair	2	8	\$16,000
No ramp	1	4	\$8,000
Total	16	64	\$50,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	10	20	\$10,000
Pedestrian Refuge Island	0	0	\$0
School Crosswalk	0	0	\$0
Flashing Warning Signs	0	0	\$0
Total	10	20	\$10,000

Elmhurst Total Improvement Cost = \$384,000

#12 Elmhurst



Area #13 – Old Town

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	1	200	0.04	\$14,400
No repairs needed	19	7,600	1.44	\$0
Moderate disrepair	19	3,800	0.72	\$273,600
Severe disrepair	11	2,900	0.55	\$208,800
Total	60	15,700	2.98	\$498,800
Savings (Minor disrepair)	10	1,200	0.23	\$86,400

Table 2: Curb Ramp Improvements

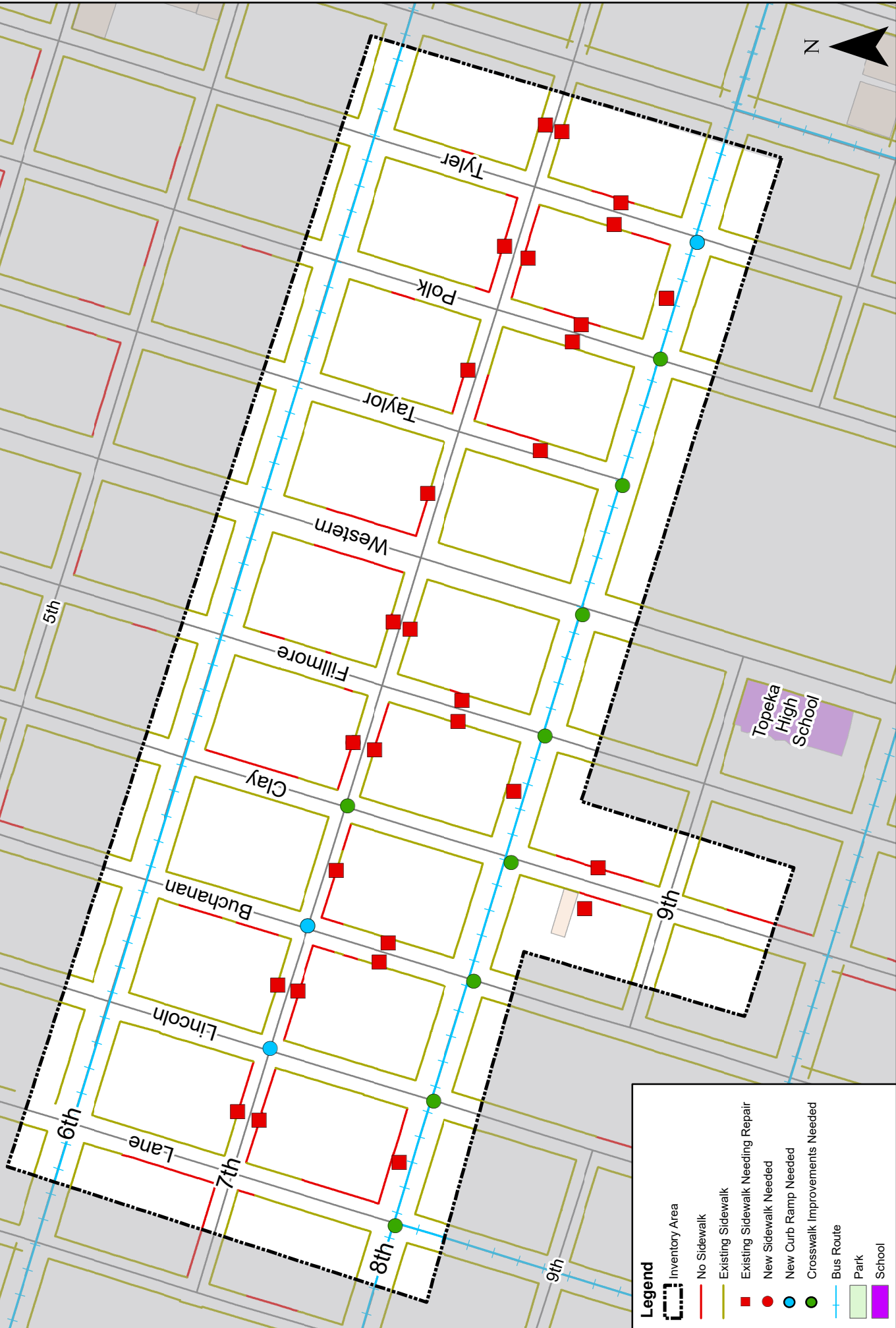
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	6	24	\$0
Good repair, but truncated domes are needed	0	0	\$0
Disrepair	3	12	\$24,000
No ramp	11	44	\$88,000
Total	20	80	\$112,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	11	22	\$11,000
Pedestrian Refuge Island	4	8	\$32,000
School Crosswalk	5	5	\$5,000
Flashing Warning Signs	3	3	\$75,000
Total	23	38	\$123,000

Old Town Total Improvement Cost = \$731,800

#13 Old Town



Legend

- Inventory Area
- No Sidewalk
- Existing Sidewalk
- Existing Sidewalk Needing Repair
- New Sidewalk Needed
- New Curb Ramp Needed
- Crosswalk Improvements Needed
- Bus Route
- Park
- School

Area #14 – Topeka Boulevard

1st Street to 37th Street

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	22	4,800	0.91	\$345,600
No repairs needed	22	8,800	1.67	\$0
Moderate disrepair	6	1,100	0.21	\$79,200
Severe disrepair	0	0	0	\$0
Total	71	17,100	3.24	\$424,800
Savings (Minor disrepair)	21	2,400	0.45	\$172,800

Table 2: Curb Ramp Improvements

Project Type	Total Points	Number of Ramps	Cost
No improvement needed	1	4	\$0
Good repair, but truncated domes are needed	19	76	\$38,000
Disrepair	8	32	\$64,000
No ramp	8	32	\$64,000
Total	36	144	\$166,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	21	42	\$21,000
Pedestrian Refuge Island	3	6	\$24,000
School Crosswalk	0	0	\$0
Flashing Warning Signs	0	0	\$0
Total	24	24	\$45,000

Topeka Boulevard Total Improvement Cost = \$635,800

Area #15 – Gage Boulevard

1st Street to 29th Street

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	7	1,900	0.36	\$136,800
No repairs needed	36	14,400	2.73	\$0
Moderated disrepair	5	700	0.13	\$50,400
Severe disrepair	0	0	0	\$0
Total	76	20,700	3.92	\$187,200
Savings (Minor disrepair)	28	3,700	0.70	\$266,400

Table 2: Curb Ramp Improvements

Project Type	Total Points	Number of Ramps	Cost
No improvement needed	8	32	\$0
Good repair, but truncated dome is needed	25	100	\$50,000
Disrepair	0	0	\$0
No ramp	3	12	\$24,000
Total	36	144	\$74,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	1	2	\$1,000
Pedestrian Refuge Island	0	0	\$0
School Crosswalk	0	0	\$0
Flashing Warning Signs	0	0	\$0
Total	1	2	\$1,000

Gage Boulevard Total Improvement Cost = \$262,200

Area #16 – SW 10th Street

Gage Blvd to Topeka Blvd

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	13	2,300	0.44	\$165,600
No repairs needed	32	12,800	2.42	\$0
Moderate disrepair	2	400	0.08	\$28,800
Severe disrepair	0	0	0	\$0
Total	67	18,500	3.51	\$194,400
Savings (Minor disrepair)	20	3,000	0.57	\$216,000

Table 2: Curb Ramp Improvements

Project Type	Total Points	Number of Ramps	Cost
No improvement needed	18	72	\$0
Good repair, but truncated dome is needed	14	56	\$28,000
Disrepair	1	4	\$8,000
No ramp	5	20	\$40,000
Total	38	152	\$76,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	0	0	\$0
Pedestrian Refuge Island	0	0	\$0
School Crosswalk	0	0	\$0
Flashing Warning Signs	0	0	\$0
Total	0	0	\$0

SW 10th Street Total Improvement Cost = \$270,400

Area #17 – SW 17th Street

Gage Blvd to MacVicar Ave

Table 1: Sidewalk Improvements

Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	12	2,700	0.51	\$194,400
No repairs needed	4	1,600	0.30	\$0
Moderate disrepair	5	1,000	0.19	\$72,000
Severe disrepair	0	0	0	\$0
Total	25	6,200	1.17	\$266,400
Savings (Minor disrepair)	4	900	0.17	\$64,800

Table 2: Curb Ramp Improvements

Project Type	Total Points	Number of Ramps	Cost
No improvement needed	0	0	\$0
Good repair, but truncated dome is needed	2	8	\$4,000
Disrepair	0	0	\$0
No ramp	10	40	\$80,000
Total	12	48	\$84,000

Table 3: Crosswalk Improvements

Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	1	2	\$1,000
Pedestrian Refuge Island	0	0	\$0
School Crosswalk	0	0	\$0
Flashing Warning Signs	0	0	\$0
Total	1	2	\$1,000

SW 17th Street Total Improvement Cost = \$351,400

Area #18 – 29th Street

Gage Blvd to Adams Street

Table 1: Sidewalk Improvements				
Project Type	Total Points	Linear Feet	Miles	Cost
New Sidewalk (No Existing Sidewalk)	13	3,300	0.63	\$237,600
No repairs needed	7	2,800	0.53	\$0
Moderate disrepair	7	1,100	0.21	\$79,200
Severe disrepair	2	400	0.08	\$28,800
Total	67	12,800	2.43	\$345,600
Savings (Minor disrepair)	38	5,200	0.98	\$374,400

Table 2: Curb Ramp Improvements			
Project Type	Total Points	Number of Ramps	Cost
No improvement needed	3	12	\$0
Good repair, but truncated domes are needed	14	56	\$28,000
Disrepair	1	4	\$8,000
No ramp	7	28	\$56,000
Total	25	100	\$92,000

Table 3: Crosswalk Improvements			
Project Type	Total Points	Number of Crosswalks	Cost
Painted Crosswalk	10	20	\$10,000
Pedestrian Refuge Island	0	0	\$0
School Crosswalk	0	0	\$0
Flashing Warning Signs	0	0	\$0
Total	10	20	\$10,000

29th Street Total Improvement Cost = \$447,600